



1

SEQUENCE LISTING

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CAIRNS, MURRAY  
TRAN, NHAM  
LAI, ANGELA

<120> METHODS USING DSDNA TO MEDIATE RNA INTERFERENCES (RNAI)

<130> J&J5203USNP

<140> 10/526,475

<141> 2005-03-03

<150> PCT/AU03/001142

<151> 2003-09-04

<150> AU 2003901481

<151> 2003-03-26

<150> AU 2002951224

<151> 2002-09-04

<160> 41

<170> PatentIn Ver. 3.3

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<211> 58

<212> DNA

<213> Artificial Sequence

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Synthetic oligonucleotide

<220>

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oligonucleotide

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<210> 2

<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 2

tgtggtgatt cgtcgac

17

<210> 3  
 <211> 19  
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 <213> Homo sapiens

<400> 3  
 gactccagtg gtaatctac

19

<210> 4  
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<220>  
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 oligonucleotide

<400> 4  
 gtcgagtctc ttgaactcga c

21

<210> 5  
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 Synthetic oligonucleotide

<220>  
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<220>  
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 <223> a, c, g, t, unknown or other

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52

<210> 7  
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<210> 9  
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<210> 11  
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oligonucleotide

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45

<210> 12

<211> 63

<212> DNA

<213> Artificial Sequence

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cgc 63

<210> 13

<211> 17

<212> DNA

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<223> Description of Artificial Sequence: Synthetic  
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<400> 13

gcgcctgtta cctctag

17

<210> 14

<211> 34

<212> DNA

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34

<210> 15

<211> 34

<212> DNA

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<400> 15  
gctctagaga gtggtctcat acagaactta taag 34

<210> 16  
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<210> 17  
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cgc 63

<210> 19  
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<400> 19  
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<210> 20  
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<210> 22  
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oligonucleotide

<400> 22  
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<210> 23  
<211> 34  
<212> DNA  
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oligonucleotide

<400> 23  
ctagaaaaag tagattacca ctggagtctt tttg 34

<210> 24  
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<220>  
<223> Description of Combined DNA/RNA Molecule:  
Synthetic oligonucleotide

<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 24  
cggcaagcug acccugaagt t 21

<210> 25  
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<212> DNA  
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<220>  
<223> Description of Combined DNA/RNA Molecule:  
Synthetic oligonucleotide

<220>  
<223> Description of Artificial Sequence: Synthetic  
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<400> 25  
gacuccagug guaaucuact t 21

<210> 26  
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<220>  
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Synthetic oligonucleotide

<220>  
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oligonucleotide

<400> 26  
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<210> 27  
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<223> Description of Artificial Sequence: Synthetic  
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<400> 27

gcgctagccg ttaactcgag gatccaaggt cg

32

<210> 28

<211> 32

<212> DNA

<213> Artificial Sequence

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<400> 28

gcgctagcca cagccggatc cttgtaaacg ac

32

<210> 29

<211> 33

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oligonucleotide

<400> 29

gcgctcgagc acagccggat ccttgtaaac gac

33

<210> 30

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

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29

<210> 31

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 31

ggaattcgcg gccgctttac ttgtacagc

29



<210> 32  
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<220>  
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<400> 32  
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15

<210> 33  
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<220>  
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 <222> (7)..(25)  
 <223> This region encompasses 19 bases specific to the sense  
 strand of p53 mRNA

<220>  
 <221> modified\_base  
 <222> (26)..(46)  
 <223> This region encompasses 21 bases constituting a stem  
 loop structure

<220>  
 <221> modified\_base  
 <222> (47)..(65)  
 <223> This region encompasses 19 bases specific to the sense  
 strand of p53 mRNA

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 tcgactnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnn 65

<210> 34  
 <211> 65  
 <212> DNA  
 <213> Artificial Sequence

<220>  
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<220>
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<222> (7)..(25)
<223> a, c, g, t, unknown or other

<220>
<221> modified_base
<222> (26)..(46)
<223> This region encompasses 21 bases constituting a stem
      loop structure

<220>
<221> modified_base
<222> (47)..(65)
<223> a, c, g, t, unknown or other and this region is antisense
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nnnnn                                           65

<210> 35
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
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<400> 35
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<210> 36
<211> 17
<212> DNA
<213> Artificial Sequence

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<400> 36
gcgcctgtta cctctag                                           17

<210> 37
<211> 35
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<220>
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      oligonucleotide

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<400> 37  
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<210> 38  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 38  
ctagaaaaag tagattacca ctggagtctt ttggg 35

<210> 39  
<211> 35  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

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<222> (12)..(30)  
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<210> 40  
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oligonucleotide

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<210> 41  
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oligonucleotide

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<222> (6)..(24)

<223> a, c, g, t, unknown or other

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aaaaannnnn nnnnnnnnnn nnnnttttt